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MARLOW
URBAN DISTRICT COUNCIL

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND OF THE

CHIEF SANITARY INSPECTOR



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#### URBAN DISTRICT COUNCIL

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and of the

CHIEF SANITARY INSPECTOR

1955

Medical Officer of Health:

A.J. Muir, M.B., Ch.B., B.Hy., D.P.H.

(Also Medical Officer of Health, Wycombe Rural District and High Wycombe Borough: Area and Divisional School Medical Officer, Buckinghamshire County Council).

Deputy Medical Officer of Health:

R. Handy, M.B., B.S., D.P.H.

(Also Deputy Medical Officer of Health, Wycombe Rural District and High Wycombe Borough: Assistant Medical Officer of Health and School Medical Officer, Buckinghamshire County Council).

### Sanitary Inspectors:

T.H. Jackson, M.R.S.I. A.M.I. San. E. (Surveyor & Chief Sanitary Inspector)

A.A. Whiting, M.R.S.I., M.S.I.A., M.R.I.P.H.H. A.M.I.San.E.

R. Pulford, M.R.S.I., M.S.I.A.

Clerk/Technical Assistant:

E. Page.

Clerk/Typist:

Mrs A.L. Nunn.

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28, High Street,
High Wycombe,
Bucks.

October, 1956.

To the Chairman and Members of Marlow Urban District Council.

Mr Chairman, Gentlemen,

I have pleasure in presenting my report for the year 1955.

The birth rate per 1,000 population rose from 15.7 in 1954 to 17.3 in 1955, the actual increase in live births being 12. The death rate fell from 11.3 to 8.9, 15 fewer deaths than in 1954 occurring in the district. Of these deaths 2 were infants under the age of 1 year. This results in an infant mortality rate per 1,000 live births of 17.2 - a figure which compares favourably with both the local rate for 1954 (19.2) and the rate for the county as as a whole (20).

Over 50% of the deaths were due to disease of the heart and circulation, a further 20% being due to cancer. Tuberculosis caused only one death but 2 new cases were notified. This is one more new case than last year but in view of the small numbers involved such an increase has no statistical significance.

Measles was notified 210 times. At first sight such a number may seem incredible when compared with only 3 notifications in 1954. However, a large outbreak was not unexpected as it is a characteristic of measles that epidemics occur at intervals of approximately 2 years.

The other infectious diseases totalled only 9 notifications among them. These 9 reports included no diphtheria. Poliomyelitis occurred 3 times. The ineptitude of the synonym infantile paralysis is obvious when one notes that 2 of these cases were in persons over 21 years of age and that 2 were non-paralytic.

Whocping-cough was notified only once. It is to be hoped that this last named disease - once a cause of considerable mortality and morbidity may soon be relegated to the category of conditions which the practice of preventive medicine has rendered virtually non-existent.

During the year B.C.G. vaccination of 13 year old school children was commenced. All parents with children in the age-group were given the opportunity of having their children done and after preliminary tuberculin testing the negative reactors were vaccinated. Parents were most co-operative. It is hoped that this measure will reduce the incidence of tuberculosis in young adults.

In conclusion I acknowledge with gratitude the willing co-operation of the Surveyor and Chief Sanitary Inspector and his assistants.

A.J. MUIR

Medical Officer of Health

# STATISTICS.

Area in acres	1,664
Registrar General's Estimate of population mid-1955	6,710
No. of inhabited houses on rate book, end of 1955	2,195
Rateable Value as at 31st December, 1955	354,556
Estimated Product of Penny Rate	£223

# EXTRACT FROM THE VITAL STATISTICS FOR THE YEAR 1955.

#### BIRTHS.

		Male.	Female.	Total.
Live Births	Legitimate Illegitimate	60	53	113
	Totals	61	55	116
Still Births	Legitimate Illegitimate	2	0	2
	Totals	2	0	2
Comparability Fa Adjusted local B Birth Rate of En Still Birth Rate	,000 of the Estimate ctor - Birth Rate irth Rate gland and Wales per 1,000 births li of England and Wale	ve and sper 1	still	17.3 0.98 16.94 15.0 16.8

#### DEATHS.

Number of Deaths	GERRICO	Males Females	Caso Gaso	32 28
		Total	CEED	60
Death Rate per 1,000 o		4.0		
Comparability Factor  Adjusted Local Death Re	ate	000000000000	0 0 0 0 0 0 0 0	8.10
Death Rate of England a Tuberculosis Death Rat Tuberculosis Death Rat	e, Marlow U	rban Distric	t	0.15

#### INFANT MORTALITY.

Two infants died under the age of one year.

O	1	- F
0	1	
0	2	2
	0	<ul><li>0</li><li>1</li><li>0</li><li>1</li><li>0</li><li>2</li></ul>

This represents a mortality rate of 16.8 per 1,000 related births, compared with 23.2 as a general figure for England and Wales.

Neo-natal mortality rate - 8.6, compared with a county rate of 15.5.

# MATERNAL DEATHS.

- (a) From puerperal sepsis.... O
- (b) From other maternal causes 0

# TABLE OF DEATHS.

	DISEASE.	MALES.	FEMALES.	TOTAL.
70	Tuberculosis, respiratory	1	0	Î
2.	Tuberculasis, other	0	0	0
3.	Syphilitic diseases	0	0	0
4.	Diphtheria	0	0	0
5.	Whooping Cough	0	0	0
6.	Meningococcal Infections	0	0	0
7.	Acute Poliomyelitis	0	0	0
8.	Measles	0	0	0
9.	Other infectious diseases	0	0	0
10.	Cancer, stomach	0	0	0
110	Cancer, lungs	4	2	6
12.	Cancer, breast	0	0	0
13.	Cancer, uterus	0	0	0
140	Other cancers	3	3	6
15.	Leukaemia, aleukaemia	0	0	0
16.	Diabetes	0	0	0
17.	Vascular lesions, nervous system	1	5	6
18.	Coronary disease, angina	6	5	11
19.	Hypertension with heart disease	1	0	1
20.	Other heart diseases	7	4	11
21.	Other circulatory diseases	2	2	4
22.	Influenza	0	0	0
23.	Pneumonia	2	2	4
24.	Bronchitis	2	1	3
25.	Other respiratory diseases	0	0	0
26.	Gastric and duodenal ulcer	0	0	0
27.	Gastritis, enteritis and diarrhoea	0	0	0
28.	Nephritis and nephrosis		0	<b>4</b>
29.	Hyperplasia of prostate	0	0	0
30.	Pregnancy, childbirth, abortion	0	0	0

# TABLE OF DEATHS. (contd).

	DISEASE.	MALES.	FEMALES.	TOTAL.
310	Congenital malformations	0	1	1
32.	Other defined and ill-defined diseases	1	0	1
33.	Motor vehicle accidents	0	0	0
34.	Other accidents	0	1	4
35.	Suicide	1	2	3
36.	Homicide and operations of war	0	0	0
	All causes	32	28	60

# MATERNAL MORTALITY.

		and stil	ll) births.
		England and Wales.	Marlow Urban District.
(a)	Maternal causes, excluding abortion		Nil
(b)	Due to abortion		Nil
(c)	Total maternal mortality	0.64	Nil

Rates per 1,000 Total (Live

# CANCER DEATHS.

Deaths from Cancer	(ali ages): ~
	Males
	Total
Yearly comparison of	f cancer deaths:
	1955
	1954
	1953
	1952
	1951
	19.50
	1949
The following organs	s were affected:-
	Stomach 0
	Lungs6
	Breast
	Uterus0
	Other Sites 6
	Total
	TUBERCULOSIS DEATHS.
Tuberculosis Death I	Rate (all cases) 0.15
	iratory Tuberculosis 1
Respiratory Tubercul	Losis Death Rate 0.15
Total Deaths - Non-I	Respiratory Tuberculosis O
Non-Respiratory Tube	erculosis Death Rate 0.00
Total Deaths - Respi	iratory (Excluding Tuberculosis) 7
Respiratory Death Ra	ate (Excluding Tuberculosis) 1.16

Maternal Mortality per 1 000 live and still births.	0.00	00°00	0.61	00°0
Neo-Watal Mortality Rate per 1,000 Births	ر ا ا	14.2	16.8	8.6
Infant Mortality Rate per 1,000 Births	20°0	00	21.7	17.2
Tuberculusis Death Rate doubstion	0°06	0°07	10°0	0.15
Crude Death Rate per 1,000 Population.	ο, Φ	9.5	10.0	တ ထိ
Crude Birth Rate onoitation.	i,	15.3	r, r,	17.2
Registrar deneral's estimated Population Mid-1955.	410,400	202,400	208,000	0149
Population Census 1951	386,164	193,168	192,996	6,480
D.s. tr.	Bucks County	Total Urban	Total Rural	Marlow Urban

				A	Se Pe	ri ods			A THE PERSON OF
	Notan Can Can Can Can Can Can Can Can Can C	Under	2	T. T.		10-0			age Use- krowr.
Scarle Fever		No. of the control of	(Sanda)		چ				
Whooping Cough			وجين						
Acute Poliomyelitis Paralytic Non-Paralytic	~ O						400	~~	
Measles	210		##	69	12	7	C)		~
Diphtheria	N. L.								
Acute Pneumonis.	<b>~</b>							Ç==	
Dysentery	N.								
Smallbox									
Acute Encephalitis:	Cha								
Post-Infections									
Enteric or Typhoid Fever									
Paratyphoid Fevers									
Erysipelas	FIN								
Meningococcal Infection	N-1								
Food Poisoning	NIL								
Puerperal Pyrexia	Lin								
Ophthalmia Neonatorum	Ni	,							
Totals	219		22		178	$\infty$	~	.±	2

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) 1955.

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING THE YEAR 1955.

		2000 Sec.	GP.		0
	<b>Des</b> % 17 %	Non-Respiratory			0
	A	A CO			8
		Respiratory			George
		iratory			0
(a)	0 0 0 0	Non-Respiratory			0
	New	iratory			0
		Respir	A		8
		Periods		- ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Totals

#### IMMUNISATION AGAINST DIPHTHERIA.

Immunisation against diphtheria (and, where desirable, whosping-cough), continues to be carried out in schools and the Infant Welfare Centre in your District, the arrangements being made by the County Council. It is also possible for parents to arrange for this to be done by their own doctors. Records of immunisation are kept at the County Offices.

During the year 102 children were immunised against diphtheria and 90 against whooping cough. 139 children received reinforcing doses against diphtheria.

#### VACCINATION AGAINST SMALLPOX.

During the year 50 primary vaccinations and 9 revaccinations were carried out.

#### AMBULANCE SERVICES.

The Ambulance arrangements for your District, made under proposals submitted by the County Council in accordance with Section 27 of the National Health Service Act (1946) and approved by the Ministry of Health are continuing to give satisfactory service. The ambulance sation is situated in High Wycombe and the premises are up to date and well equipped. Ambulances are under radio control.

#### HOSPITALS.

The available Hospitals in the District are the Metropolitan Hospitals; The Royal Berkshire Hospital, Reading; and the King Edward VII Hospital, Windsor. In addition there are the Marlow Cottage Hospital and the War Memorial Hospital at High Wycombe.

#### NATIONAL ASSISTANCE ACT 1948.

Section 47 - No formal action

#### LABORATORY FACILITIES.

The laboratory facilities of the Public Health Laboratory, Walton Street, Oxford, are available for all investigations carried out on behalf of the Council. Arrangements are made direct with the Laboratory for the transport of material.

#### WATER SUPPLIES.

The water supply of the district comes from deep wells owned by the Marlow Water Company. The supply is adequate and samples are taken regularly for bacteriological examination.

REPORT OF THE CHIEF SANITARY INSPECTOR AND SURVEYOR.

Council Offices, Court Garden, Marlow.

To the Chairman and Members of Marlow Urban District Council.

Mr Chairman, Gentlemen,

I submit my annual report for the year 1955, for inclusion with that of the Medical Officer of Health.

The year has been a difficult one, in particular respect to the efficient maintenance of rountine administration with the general shortage of skilled and unskilled labour, and I submit that a great deal of credit is due to the General Foreman and his small labour force that essential services have been maintained efficiently, and amenity services have steadily improved.

The continued support and confidence you have given to me is of the utmost importance to efficiency, and I take this opportunity of thanking all members for their advice and guidance on many matters, and in particular for their bold, wise and immediate attack on slum clearance procedure. The first clearance area was declared within four months of the Minister's starting date.

I also wish to express my thanks to the Council's officers on my staff for their loyal and energetic work, to the Medical Officer for his advice and support, and to the Clerk and Financial Officer for their usual co-operation and assistance.

I am, Gentlemen,

Your obedient Servant,

THOMAS H. JACKSON.

Surveyor and Chief Sanitary Inspector.

# GENERAL SANITATION

Nature of Visit.	Inspecttion.
Drainage	77
Places of entertainment	1
Pet Shop	1
Stables and Piggeries	4
Tents, vans and sheds	2.
Public Conveniences	6
Licensed premises	16
Rodent control	105
Atmospheric pollution	4
Building Byelaw sites	63
Verminous premises	24
Re-Visits	21
Refuse collection	q
Refuse disposal	34
Infectious disease enquiries	9
Re-visits	3
Miscellaneous infectious diseases	19
Miscellaneous sanitary visits	110
Council sites	8
Agents etc	12

# HOUSING.

	Number of houses inspected.	Number of visits
Public Health Act 1936	38	95
Housing Act, 1936	162	82
Overcrowding		1

Total inspections for the year were 1,805.

# ARTICLE 31, HOUSING CONSOLIDATED REGULATIONS 1925.

4	The number of houses which on inspection were considered to be unfit for human habitation	ţ
2.	The number of houses the defects in which were remedied in consequence of informal action by the Local Authority or their officer	12
3.	The number of representations made to the Local Authority with a view to	
	<ul><li>(a) the serving of notices requiring the execution of works</li><li>(b) the making of demolition or closing orders</li></ul>	8 Nil
40	The number of notices served requiring the execution of works	8
5.	The number of houses which were rendered fit after serving of formal notices	7
6.	The number of demolition or closing orders made.	Nil
7	The number of houses in respect of which an undertaking was accepted under the sub-section (2) of Section 19 of the Housing Act, 1930	
8.	The number of houses demolished	A figure 1

#### SUMMARY OF NOTICES SERVED.

Number of In	formal I	Votices.	Served.	Complied wit
Served under	Public	Health Act, 1936	14	12
Served under	Food &	Drugs Act, 1938	1	9

Formal Notices.	Served.	Complied with.	Not com- plied with.	In progress.
Public Health Act 1936:		VV.I. GILO	OIICA WIVI	With the second
Section 93	8	7	CNG	1
Section 138	- Fall	1	Cino	comb
Section 277	Nil	¢333	cser	යන
Housing Act:				
Section 11	CTD	C220	cas	(SE)
Food & Drugs Act, 1938:				
Section 13	Nil	cales	date	600
Factories Act 1937:				
Section 7	Nil.	CONTO	caso	dullo
Section 34	Nil	GARCIA.	STATES .	CHID
Milk & Dairies Regulations	Nil	COMP	reso.	<b>78</b> 0
Prevention Of Damage by Pests Act:				
Section 4	Nil	920	(MED)	¢ma;
Shops Act 1959			Camp	C0002

#### PRIVATE SLAUGHTERHOUSE AND MEAT INSPECTIONS.

The table on Page 17 represents the amount of cattle and meat inspected during the year. It will be noted that there has been some decrease in the amount of kill of cattle and sheep, but greater increases in the numbers of calves and pigs. The amount of time required to carry out inspection is two full days weekly plus short daily visits on other days of the week.

It is interesting to note on the table the various percentages of reasons for meat condemnations, in particular that from parasitic causes.

Carcases inspected and condemned.

		Cattle excluding Cows	Cows	Calves	Sheep and Lambs.	0 20 21 24
Number killed Number inspect	Ď	364	£ 5 & &	526 526	1,433 Also	ON O
Tuberculosis:	Whole carcase Part or organ	なす	in in			28 2
	Percentage affected	40		B		Common Co
aras	Whole carcase	8	0			
	Part or organ	0	28	0	Comment of the Commen	CV CV
	Percentage affected	26°L	23.1	0	$\infty$	(T)
other diseases	Whole carcase					K
ncluding njury, imma-	Part or organ	20	20	N		33
tuirty and old age.	Percentage affected	6°3	16.9	9.0	Control Contro	O TO THE RESIDENCE OF THE PARTY
Cysticercosis:	One case of degenerate	ate cysticercus		bovis was	was found in a he	heifer。

cwtso 5 tons of carcase weight condemned ton. 17 cwts. 10 lbs. offal 1 t These figures represent . 9 lbs. and weight of c grs. 9 lbs. 3

# SUMMARY OF INSPECTIONS - FOOD PREMISES.

Type of premises.	Number in District.	Inspections.
Dairies and Milk Distributors.	6	. 19
Butchers shops	T.	65
Food preparing premises	12	21/1
Bakehouses	2	24
Food stores including:		
Fishmongers and Poulterers )		
Greengrocers and Fruiterers.	37	60
Street Vendors and Hawkers)		
Ice-cream premises	16	16
Restaurants	1.1	10
Slaughterhouses	1	564
Milk samples - 4		
Water samples - 2		
Miscellaneous food visits - 7		

### FACTORIES ETC.

Factories (power)	30	17
Factories (non-power)	5	1
Shops	122	134

# MILK SUPPLIES.

Routine inspections have been regularly made to five milk distributors and one dairy in the district, and a continuance of reasonable standards of dairy methods was noted.

#### OTHER FOODS.

#### Condemnation.

During the year the following foodstuffs were surrendered for a total of 47 tins including:-

Fruit 10: Meat 25: Vegetables 5: Milk 3: Fish 4: Meat 254 lbs: Fresh fish 4 st. 8 lbs: Cheese 6 lbs: Sausages 39 lbs: Tomatoes 12 lbs.

#### SEWAGE DISPOSAL AND HOUSE DRAINAGE.

#### Sewage Disposal Works.

The walls of all primary and secondary filters have been rebuilt and filter media replaced and renewed. A system of recirculation has been introduced and is almost completed. It must be reported that the present sludge beds are choked and inefficient and the consultant engineers have been instructed to prepare a scheme for sludge disposal to submit to the Minister.

Minimum discharge..... 192,200 gallons.

Maximum discharge..... 457,000 "

# Sewers and House Drainage.

During the year all sewer lenghs and manholes in Riverwood Drive, Gossmore Lane, Mill Lane and Field-house Lane have been subjected to a severe water test in an endeavour to find the cause for the surcharging of the sewers in that area during flood periods.

All manholes and sewer lengths with the exception of one length of 6" cast iron pipe and two shallower lenths of glazed stoneware pipe were proved to withstand the tests. The defective lengths will be dealt with during 1956.

be defective near the Marlow Water Company's boreholes and in view of the impossibility of uncovering the length with mechanical plant due to other services crossing and re-crossing it in many places, an experiment was carried out successfully of inserting and threading through the existing pipe, 4 ft lengths of pitch fibre pipes properly jointed. The resultant cost for the approximate 200 ft length was £120, including material, compared with an estimated cost of £500 for excavation only by traditional methods. The time taken was approximately six working hours only for two men.

#### Sewers and House Drainage. (contd)

Although the method has obviously a limited application, it may well be an economic method of dealing with the defects mentioned in the previous paragraph.

#### RAINFALL.

The rainfall total for the year 1955 are as follows:-

January	ro	o	٥	0	٥	٥	0	0	2.345	inches
Februar									1.33	17
March									0.98	₹ 9
April									0.99	18
May									3.672	18
June									2.12	19
July	0	0	0	0	0	0	٥	٥	0.11	<b>* 1</b>
August.	0	0	0	0	0	0	0	0	0.755	18
Septemb									2.135	19
October	8 0	Q	0	o	9	0	0	0	2.71	80
Novembe	19	w	o	0	0	0	¢	Q	1.136	19
Decembe	r	o	0	0	0	0	٥	0	2.205	17

The highest daily rainfall in one day was on the 23rd September, 1955, with 1.04 inches.

#### PUBLIC HEALTH AND BUILDING BYELAWS.

One hundred and fifteen plans deposited for approval under the Council's Building Byelaws were dealt with, the sites and construction of the properties inspected, sewer connection and drainage work supervised and tested. All complaints have been investigated, and when coming within the scope of the Public Health Act or other Acts they have been suitably dealt with, and the Sanitary Inspector's record and diary completed.

One hundred and twenty-eight applications under the Town and Country Planning Act, 1947, were dealt with and maps and records have been kept up to date:-

Approved	36
Conditionally approved	69
Refused	17
Withdrawn	6

Thirty-eight private houses have been completed during the year.

#### FACTORIES, WORK-PLACES AND SHOPS.

All power and non-power factories have been inspected during the year and minor faults remedied.

#### REFUSE COLLECTION AND DISPOSAL.

# (a) Collection.

The collection of refuse has continued in a satisfactory manner and it has been possible to maintain a weekly house-to-house collection as the new estates have not developed as rapidly as was expected last year. The limit has nearly been reached to the output of one vehicle and gang, and by 1957 it is expected that an increase in labour and vehicles will be required as an alternative to a kerb-side collection.

#### (b) Disposal.

Disposal of refuse in the confined urban district is increasingly difficult.

Consideration is being given to the disposal of refuse in wet gravel pits.

# (c) Salvage Collection.

The following figures represent salvage collections and receipts for the year which follow the general trend of a reduction in this form of collection and the market prices of materials:-

Waste paper 2 tons. 17 cwts. £18.10.6.

Scrap iron 5 " 16 " 7 qrs. £26. 5 3.

Brass and lead 5 cwts. 16 qrs. 12 lbs. £30.18.2.

#### COUNCIL HOUSES.

#### (a) Construction and sites.

The estate layout and sewers were constructed for 56 houses and 30 houses were commenced. Supervision of the estate has been carried out by an additional officer appointed as Deputy Surveyor.

#### (b) Maintenance of Council Houses.

Funds were not available during the year to improve the amenities of pre-war Council houses but it is hoped that during 1956 some improvement can be carried out.

#### (e) Slum clearance.

The report to the Minister was submitted before July 1st and included approximately 100 houses to be dealt with under slum clearance within 5 years.

A survey and report was prepared and the Medical Officer of Health submitted his proposals for Clearance Area No 1, which was accepted and declared by the Council.

#### RODENT CONTROL.

The table on Page 23 shows the degree of infestation and records of control in the area.

During the year the Rodent Operator also dealt with the following infestations:-

11 Wasps nests, 7 ants nests and 2 complaints of cockroaches.

# HIGHWAYS.

Normal maintenance and repairs have been carried out to footpaths and carriageways and approximately 6,000 yards of granite chippings surface dressing was done very successfully by the Council's labour at a cost of 11d per yard super.

# VEHICLE MAINTENANCE.

Daily, weekly and monthly maintenance to vehicles is carried out and suitable records are kept.

#### DEPOTS AND STORES.

Further works of minor improvements with available funds have been carried out to the garages and store accommodation at the Council's Depot.

6146 102 すずけ 5. (300 £ 力。 42 Total 154 Nil 1 Z All other (including Business & Industrial 140 1-1 11/ N Nil 7 1 W NIL Nil 3 4 Agri-NIL Nil Ni Nil NIL Nin NIT Nil ---Z Property 50 Dwellin Houses 2,060 86 N 38 on J S ---Nil 4m C/ 4m Z 40 Local Authority No 0 N 1 Û 10 Anna Type Minor Major 0 Major Minor Nin Nil (b) (a) 23 properties ity's Distric erties inspecal Authority a result of and IV) rties (under infested rties (under infested served Works (ofing) (D) 00 during 1955 as a (a) notification otherwise proper to be to per Pro Number of notic under Section 4 Author of prope ted by the Loca infes number of Structural III Treatment (I.E. ties (under treated by Number of Number of Number of found II) found Authority Local ratis by mice Number Total (1) (2)II) الله by 77 ° H > H

PREVENTION OF DAMAGE BY PESTS ACT 1949.

